INSTALLATION STATUS REPORT (ISR)

SURFACED ROADS

PROPONENT: ASST CHIEF OF STAFF INST MGMT, FACILITIES POLICY DIV, FACILITIES ENGINEERING TEAM, DAIM-FDF-E (703) 428-6173/DSN 328-6173

REVISION DATE: 30 SEPTEMBER 2002
FOR USE WITH THE 2003 ISR DATA COLLECTION

INCLUDES THE FOLLOWING FCG(s):

- **F85100 - SURFACED ROADS (SY)***
- **F85120 - VEHICLE BRIDGES (SY)**
- **F85710 - TRAINING AREA ROADS, SURFACED (SY)**
- **F85720 - TRAINING AREA TANK TRAIL, SURFACED (SY)**
- **F85730 - TRAINING AREA BRIDGES (SY)**

STANDARDS BOOKLET

BOOKLET 20

* FCG Unit of Measure. Refer to *Implementing Instructions*, Appendix G, for definition.

ISR FACILITY INSPECTION INSTRUCTIONS

1. Select the appropriate inspection worksheet and rating standards booklet to evaluate your facility (the appropriate booklet number is identified in the upper right corner of the worksheet). Only use worksheets that have been produced by the current ISR1 software, i.e., barcodes and correct installation and facility information are printed at the top of the page. In particular, verify that the building number on the worksheet matches that of the facility you are inspecting, and the Facility Category Group (FCG) description on the worksheet matches the space you will be rating in the facility (some facilities consist of space from several FCGs, each of which will require a separate worksheet and associated rating booklet).

2. At the top of the inspection worksheet, enter Inspector name and phone number, and the date completed.

3. Rate each component on the inspection worksheet by selecting the color rating that BEST FITS the component being evaluated. First look at the picture in the standards booklet, then at the rating elements under each color to determine which color best describes the overall condition of the component being rated. Then place an "X" in the appropriate box on the inspection worksheet. If an inspection component is not in the facility and it is not needed, place an "X" in the "N/A" box for that component. If an inspection component is not in the facility and it is needed, rate that component as RED.

4. RED ratings require comment. For every component that is rated RED, write a brief explanation in the space provided on the inspection worksheet. For each RED rating, consider submitting a work order to correct the deficiency.

5. Sum the number of "X"s in each column and record each total on the line designated at the bottom of the column.

6. Identify the Overall Quality Rating. The Overall Quality Rating is the color that received the most ratings among the inspected components. This was calculated in Step 5 above. If there is a tie for the most color ratings, then the lower color rating prevails and is the Overall Quality Rating for the facility. Circle the appropriate Overall Color Rating choice in the upper right hand corner of the worksheet.

7. Optional: write a brief comment concerning any facility location issues, such as location of the facility on the installation, proximity to related facilities, and appropriate vehicle access. Continue on the reverse of the inspection worksheet if needed.

8. Optional: write a brief comment concerning any environmental, health, safety, and historic preservation issues. Continue on the reverse of the inspection worksheet if needed.

9. Have the unit commander or activity director review and sign the inspection worksheet, and add any desired comment.

MOBILITY FACILITY WORKSHEET
(Use with Booklet #20)
SURFACED ROADS

Overall Quality Rating
(Circle One):

Green Amber Red

Facility Number:
Facility User UIC:
Facility Category Group:
Unit of Measure:

Installation Number:

Inspector: _____

Phone #: _____

Date Completed: _____

FACILITY CONDITION ASSESSMENT

Condition of Each Component
Place an "X" in the box that applies to each component.

Inspection Component	**GREEN**	**AMBER**	**RED**	**N/A**
Facility Specific Areas				
1. Surfaced Roads	[ ]	[ ]	[ ]	[ ]
2. Bridges	[ ]	[ ]	[ ]	[ ]
Overall Quality Rating: Mark the color with the greater number of "X"s. If two colors have equal number of "X"s, choose the worse color rating.	[ ]	[ ]	[ ]	

Red Rating Explanation: _____
_____

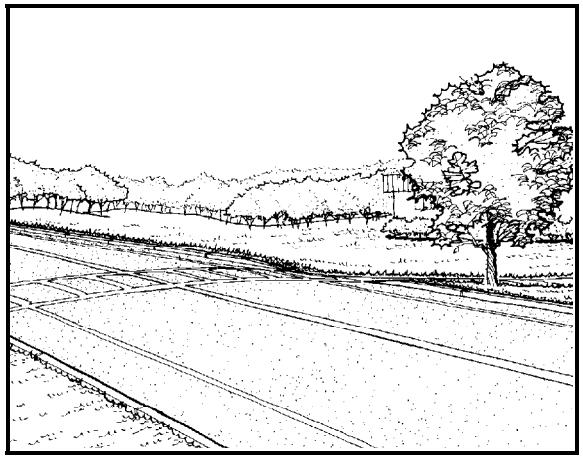
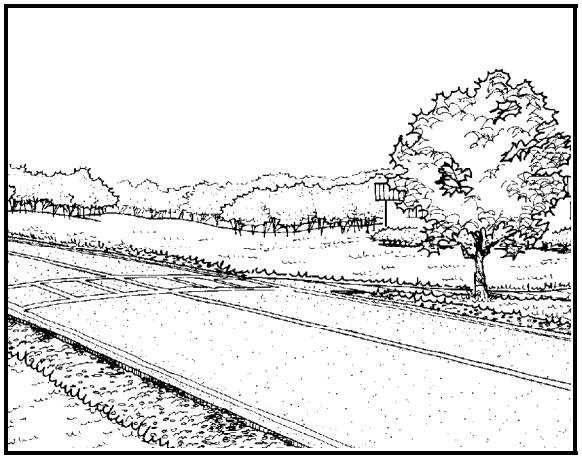
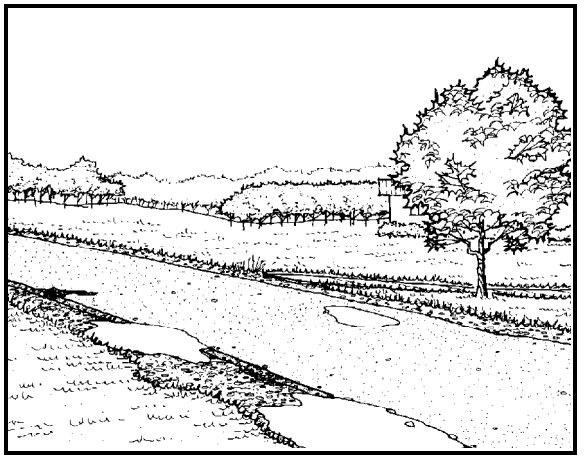
Location Comment: _____
_____

Environmental, Health, Safety, & Preservation (EHSP) Comment: _____
_____

COMMANDER/DIRECTOR SIGNATURE _____

SURFACED ROADS STANDARDS BOOKLET

SURFACED ROADS

GREEN	AMBER	RED
		
• Road network sufficient and strategically designed to move traffic where mission requires	• Road network sufficient	• Road network insufficient to accomplish mission
• Sufficient number of lanes to handle traffic flow	• Pavement lane capacity deficient	• Pavement capacity insufficient
• Composition of roads (concrete/asphalt) of sufficient strength to carry equipment traveling on it	• Some roads composition not compatible with equipment traveling on it	• Roads not compatible with equipment traveling on it
• Approaches to railroad crossings and bridges are smooth and undamaged	• Approaches to railroad crossings and bridges show deterioration	• Approaches to railroad crossings and bridges badly deteriorated
• PAVER Engineered Management System (EMS) Pavement Condition Index (PCI) equal, 56-100 (Not applicable to USAR)*	• PAVER EMS PCI equals 41-55 (Not applicable to USAR)	• PAVER EMS PCI equals 0-40 (Not applicable to USAR)
• Drainage system removes all runoff	• Drainage system removes only partial runoff, some temporary pooling	• Drainage system poor, runoff pools, and undermining road

*Note: PAVER is a systematic process for managing pavement using engineering technology and life cycle cost analysis.

(CONTINUED ON NEXT PAGE)

SURFACED ROADS STANDARDS BOOKLET

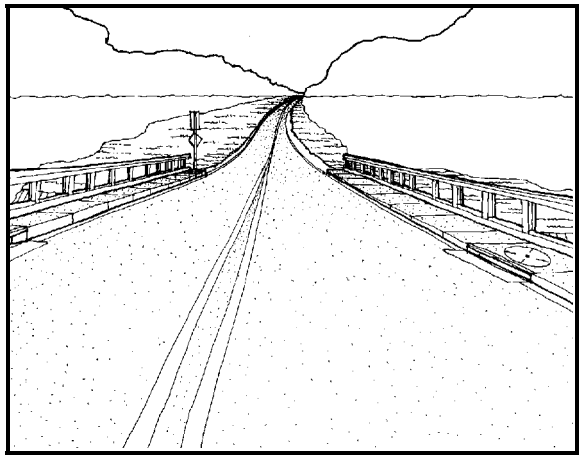
SURFACED ROADS CON'T

GREEN	AMBER	RED
• Correct markings for road to efficiently move traffic (includes traffic signs & signals)	• Incorrect or wrong road markings	
• No potholes or large cracking, or severe repairs		• Pothole and sections of pavement failed
• Railroad track crossings are smooth, undamaged and permits vehicle traffic to cross at designated speeds	• Railroad track crossings are deteriorated and limits vehicle traffic	• Railroad track crossings badly deteriorated and limits vehicle speeds
• Required railroad track crossing warning or control equipment in place	• Railroad track crossing warning or control equipment damaged or insufficient	• Required railroad track crossing warning or control equipment missing
• Railroad track crossing grade does not limit vehicle traffic	• Railroad track crossing grade limits vehicle traffic	• Railroad track crossing grade requires repair serious enough to prevent safe vehicle crossing or could lead to damage of rail structure

SURFACED ROADS STANDARDS BOOKLET

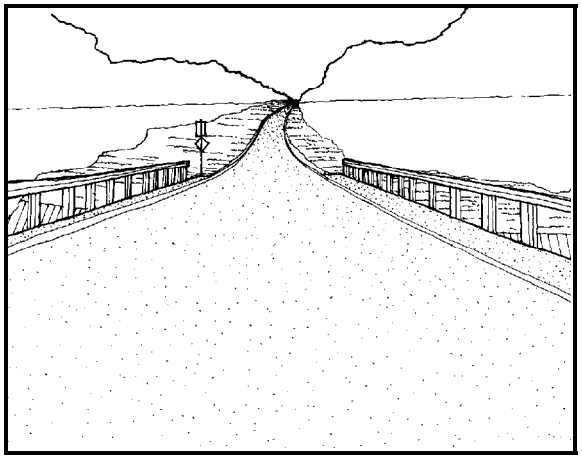
BRIDGES

GREEN



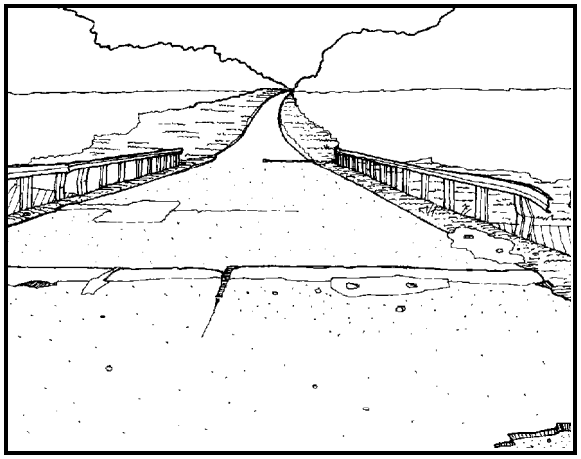
- Bridge has sufficient two-way load capacity, height, and width for mission required vehicles
- Bridge deck, superstructure substructure, channel and approach roadway are in good condition (inspection rating of 7, 8, 9, or N)
- Routine and special (if required) inspections are conducted within the required frequency and records are maintained
- Bridge traffic safety features are rated 1 or N (if applicable)
- MCL is posted
- Underpass marked for height and width restrictions
- Separated pedestrian walk-way, where required
- Accommodates special transport requirements
- Bridge Inspected in Last 2 Years

AMBER



- Bridge has sufficient one-way load capacity, height, and width for mission required vehicles
- Bridge deck, superstructure substructure, channel and approach roadway are in fair condition (inspection rating of 5, 6)
- At least one routine and special (if required) inspection has been completed and recorded and an inspection is scheduled within one year
- Bridge traffic safety features are rated 0 and are scheduled for upgrading
- Bridge and underpass marked for weight, height and width restrictions
- Bridge roadway used for pedestrians
- Unable to accommodate special transport requirements, alternate route available
- Bridge inspection over 2 years old.

RED



- Bridge one-way load capacity height, and width are insufficient for mission required vehicles
- Bridge deck, superstructure substructure, channel and approach roadway are in poor or critical condition (inspection rating of 0, 1, 2, 3, or 4)
- No routine or special (if required) inspections have been conducted; no records are available
- Bridge traffic safety features (if applicable) rated 0 and no action is planned or rating is unknown
- MCL is not posted
- No bridge and underpass markings
- Unable to accommodate special transport requirements and no alternate route
- Bridge not on Inventory